1. An apparatus for enhancing the quality of electronic audio signals comprising:

an input stage having a field inducing coil with a plurality of turns through which input electronic audio signals are to be transmitted to set up an electromagnetic field; and

an output stage having an electromagnetic field receptor coil with a plurality of turns and an output, said receptor coil having a greater number of turns than said inducing coil, said inducing coil and said receptor coil being weakly coupled such that when an input electronic audio signal is transmitted through said field inducing coil, an enhanced electronic audio signal is available at said output.

2. The apparatus of claim 1, said inducing coil being disposed around said receptor coil.

3. The apparatus of claim 1, said inducing coil being wrapped around and at least partially overlapping said receptor coil.

4. The apparatus of claim 1, said inducing coil being wrapped around and mostly overlapping said receptor coil.

5. The apparatus of claim 1, said receptor coil and said inducing coil having a turns ratio of up to about 20:1, respectively.

6. The apparatus of claim 1, said receptor coil and said inducing coil having a turns ratio of greater than about 20:1, respectively.

7. The apparatus of claim 1, said receptor coil and said inducing coil having a turns ratio of about 17.5:1, respectively.

8. The apparatus of claim 1, including a bridge amplifier circuit formed by part of said input stage and said output stage, and said inducing coil and said receptor coil being at the center of said bridge amplifier circuit.

9. The apparatus of claim 1 including at least one amplifier for enabling said enhanced electronic audio signal to be processed into audible sound.

10. The apparatus of claim 1 including a frequency reshaping network for counteracting undesirable frequency shaping.

11. The apparatus of claim 1 including a frequency reshaping network for counteracting undesirable frequency shaping caused by said weak coupling.

12. An apparatus for enhancing the quality of electronic audio signals comprising:

an input stage having a field inducing coil with a plurality of turns through which input electronic audio signals are to be transmitted to set-up an electromagnetic field; and

an output stage having an electromagnetic field receptor coil with a plurality of turns and an output, said receptor coil having a greater number of turns than said inducing coil, said inducing coil being disposed around and weakly coupled to said receptor coil such that when an input electronic audio signal is transmitted through said field inducing coil, an enhanced electronic audio signal is available at said output having an enhanced harmonic content compared to that of the input electronic audio signal.

13. A method of enhancing the quality of electronic audio signals, comprising the steps of:

providing at least one input electronic audio signal;

transmitting the at least one input electronic audio signal through a field inducing coil having a plurality of turns, thereby setting up at least one electromagnetic field; and

weakly coupling the at least one electromagnetic field to an electromagnetic field receptor coil having a greater number of turns than that of the inducing coil to generate at least one enhanced electronic audio signal in the receptor coil having an

enhanced harmonic content compared to that of the input electronic audio signal.

14. The method of claim 13 further comprising the step of:
processing the at least one enhanced electronic audio signal into audible sound.

15. The method of claim 13 further comprising the step of:
recording said at least one enhanced electronic audio signal onto a recording medium.

16. The method of claim 13 further comprising the step of:
reshaping one or the other or both of the at least one input electronic audio signal and the at least one enhanced electronic audio signal to counteract undesirable frequency shaping caused by the weak coupling.

17. A recording medium having at least one enhanced electronic audio signal recorded thereon by the method of claim 15.

18. The recording medium of claim 17, wherein said recording medium is a magnetic medium.

19. The recording medium of claim 17, wherein said recording medium is a magnetic tape medium.

20. The recording medium of claim 17, wherein said recording medium is an optical disk medium.